



# BIMM 143

## Course Summary & Exam Preparation

Lecture 19

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UC San Diego

<http://thegrantlab.org/bimm143>



# Today's Menu

- Summary of major learning goals,
- Course discussion and feedback ( [https://etherpad.net/p/bimm143\\_f18](https://etherpad.net/p/bimm143_f18) )
- CAPs evaluation incentives ( <https://cape.ucsd.edu/students> )
- Final exam
  - ➔ Test structure, guidelines and rules
  - ➔ Topics and example questions
  - ➔ Exam preparation, discussion and open study
- Polish our GitHub content and publish your own website portfolios

[https://bioboot.github.io/bimm143\\_F18/class-material/BIMM143\\_exam\\_guidelines\\_F18.pdf](https://bioboot.github.io/bimm143_F18/class-material/BIMM143_exam_guidelines_F18.pdf)

The image shows a screenshot of a web browser window. The address bar contains the URL [bioboot.github.io/bimm143\\_S18/class-material/BIMM143\\_exam\\_guidelines.pdf](https://bioboot.github.io/bimm143_S18/class-material/BIMM143_exam_guidelines.pdf). The browser's tab bar shows several open tabs, including 'Home', 'Gmail', 'Gcal', 'Bitbucket', 'GitHub', 'News', 'BIMM143\_S18', 'BGGN213\_S18', 'Disqus', 'BIMM-194', 'Atmosphere', 'Blink', 'GDocs', 'Galaxy', and 'MMTF'. The main content area of the browser displays the following text:

**BIMM-143: INTRODUCTION TO BIOINFORMATICS**  
<http://thegrantlab.org/bimm143>

**Preparing for the Final Exam**

**Overview:** The final exam for BIMM-143 will be an open-book, open-notes 150-minute test consisting of 35 questions.

Questions will be predominantly short answer (typically worth 2 points) with a number of more involved longer answer questions (typically worth 5 points).

The number of points for each question is indicated at the beginning of each question. There are 80 total points on offer.

There will be no questions covering the material from lecture 10 (the git version control system). However, major points from all other lecture material are examinable

- Q1.** Did you enjoy this course? (Rank in relation to others you have experienced at UCSD)?
- Q2.** Should this course be offered again?
- Q3.** If so what changes would you recommend for this course? (e.g. more/less DataCamp & Projects)
- Q4.** Was the course effectively organized (lecture and lab material online vs handout or TritonEd site)?
- Q5.** What advice would you give to another student who is considering taking this course?
- Q6.** Considering both the limitations and possibilities of the subject matter and the course, how would you rate the overall effectiveness of this course and instructor?
- Q7.** Do you agree or disagree - The course developed my abilities and skills for the subject?
- Q8.** On average, how many hours per week have you spent on this course, including attending classes, doing homework's and assignments?
- Q9.** Any other comments you would like to share?

**EtherPad Version:** [https://etherpad.net/p/bimm143\\_f18](https://etherpad.net/p/bimm143_f18)

**Form Version:** <https://tinyurl.com/bimm143-end>

**Thank you very much!**

**Bonus:**


**GitHub Spit & Polish**

bioboot.github.io/bimm143-1/

Home Gmail Gcal Bitbucket GitHub BIMM143\_F18 BGGN213\_S18 BIMM-194 GDocs Disqus Blink News Atmosphere Galaxy + MMTF

bioboot/bimm143\_serina\_f18: Serina's Fall 2018 class repository fork Serina's BIMM 143 Class Repository | Serina's Bioinformatics Class (BIMM143,... Bioinformatics Class BIMM-143 | Introduction to Bioinformatics (BIMM143)

## Introduction to Bioinformatics (BIMM143)



A demo site of students cool class web site

[View the Project on GitHub](#)  
bioboot/bimm143-1

This project is maintained by [bioboot](#)

Hosted on GitHub Pages — Theme by [orderedlist](#)

## Bioinformatics Class BIMM-143

This is my repository for my Bioinformatics class from UC San Diego in S18.

### Index of Material

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Class 14 - [Transcriptomics and RNA-Seq Analysis](#)



In your web browser navigate to your GitHub class repository < <https://github.com/> >

**Side-note:**

To find the link to your GitHub repository from RStudio, open one of your past class projects and in the terminal type:

```
git remote -v
```

The screenshot shows a web browser window displaying a GitHub repository page. The address bar shows the URL [github.com/bioboot/bimm143\\_fall18](https://github.com/bioboot/bimm143_fall18). The page header includes navigation links like Home, Gmail, Gcal, Bitbucket, GitHub, BIMM143\_F18, BGGN213\_S18, BIMM-194, GDocs, Disqus, Blink, News, Atmosphere, Galaxy, and MMTF. The repository name is **bioboot / bimm143\_fall18**. It shows 1 watch, 0 stars, and 0 forks. The repository description is "My class repo for bimm143 at UCSD". It has 22 commits, 1 branch, 0 releases, and 1 contributor. The current branch is **master**. There are buttons for "New pull request", "Create new file", "Upload files", "Find file", and "Clone or download". The commit history shows a recent commit by **bioboot** titled "Add class18" and two folders: **class05** (Add class 5) and **class08** (add class08).

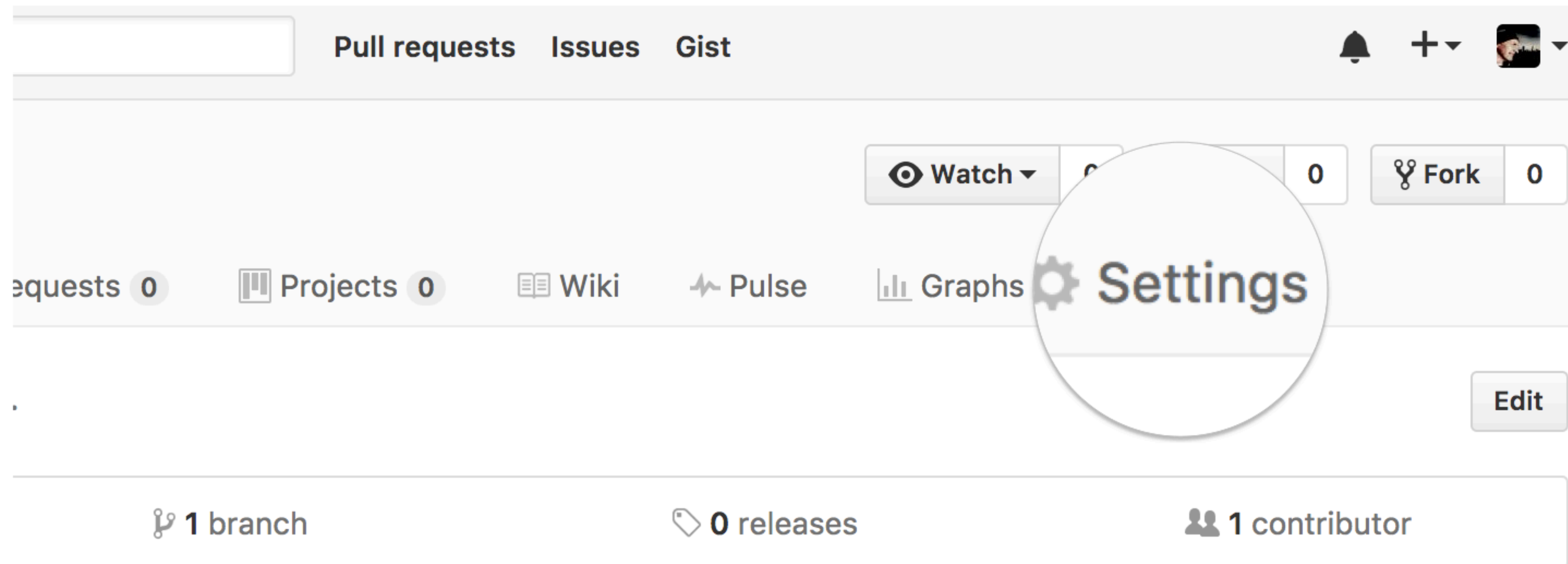


1

# Repository Settings

Head over to your [GitHub](#) class repository (where you are “pushing” all your class work)

Click on the **Settings** tab.



# Theme chooser

Scroll down to the **GitHub Pages** section. Press **Choose a theme**.  
And set the **Source** to "master branch"

## GitHub Pages

[GitHub Pages](#) is designed to host your personal, organization, or project pages from a GitHub repository.

### Source

GitHub Pages is currently disabled. Select a source below to enable GitHub Pages for this repository. [Learn more](#).

None ▾

Save

## Theme chooser

Select a theme to build your site with a Jekyll theme using the `master branch`. [Learn more](#).

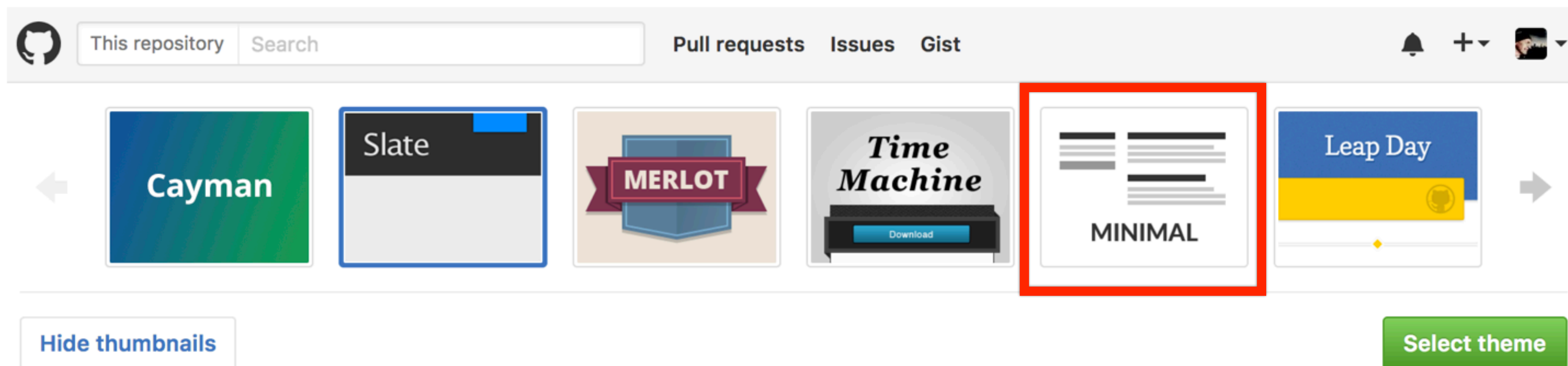
Choose a theme



## Pick a theme

Choose one of the themes from the carousel at the top.

When you're done, click **Select theme** on the right.



The screenshot shows the GitHub theme selection interface. At the top, there is a navigation bar with the GitHub logo, a search bar labeled "This repository", and links for "Pull requests", "Issues", and "Gist". On the right side of the navigation bar are icons for notifications, a plus sign, and a user profile. Below the navigation bar is a carousel of theme thumbnails. The thumbnails are: "Cayman" (blue and green gradient), "Slate" (black and white), "MERLOT" (blue and red), "Time Machine" (grey with a printer icon), "MINIMAL" (white with black text, highlighted with a red border), and "Leap Day" (blue and yellow). Below the carousel are two buttons: "Hide thumbnails" on the left and "Select theme" on the right.

## Slate theme

Slate is a theme for GitHub Pages.

[View on GitHub](#)

## Side-note:

Scroll down again to the **GitHub Pages** section to find the link to your new website.  
Open this link in a **New Tab** of your browser:

### GitHub Pages

GitHub Pages is designed to host your personal, organization, or project pages from a GitHub repository.

Your site is ready to be published at [https://bioboot.github.io/bimm143\\_serina\\_f18/](https://bioboot.github.io/bimm143_serina_f18/).

#### Source

Your GitHub Pages site is currently being built from the master branch. [Learn more.](#)

master branch ▾

Save

#### Theme Chooser

Select a theme to publish your site with a Jekyll theme. [Learn more.](#)

Your site is currently using the Minimal theme.

Change theme



# Edit content

Back on the repository main page use the [GitHub](#) online editor to add content.  
In particular, add links to each classes .MD file

The screenshot shows the GitHub repository editor interface for the file `README.md` in the repository `jldec / new-pages-site`. The repository has 0 Watchers, 0 Stars, and 0 Forks. The editor is currently in the "Edit file" mode, with a "Preview changes" tab also visible. The code in the editor is as follows:

```
1 ## Welcome to GitHub Pages
2
3 You can use the [editor on GitHub](https://github.com/jldec/new-pages-site/edit/master/README.md) to maintain and preview the content
  for your website in Markdown files.
4
5 Whenever you commit to this repository, GitHub Pages will run [Jekyll](https://jekyllrb.com/) to rebuild the pages in your site, from
  the content in your Markdown files.
6
7 ### Markdown
8
9 Markdown is a lightweight and easy-to-use syntax for styling your writing. It includes conventions for
10
11 ```markdown
12 Syntax highlighted code block
13
14 # Header 1
```

# Commit

Enter a commit comment and click on **Commit changes** below the editor.

```
35   ### Support or Contact
```

```
36
```

```
37   Having trouble with Pages? Check out our \[documentation\]\(https://help.github.com/categories/gi  
38   https://github.com/contact) and we'll help you sort it out.
```

```
38
```



## Commit changes

Add content to new pages site|

Add an optional extended description...

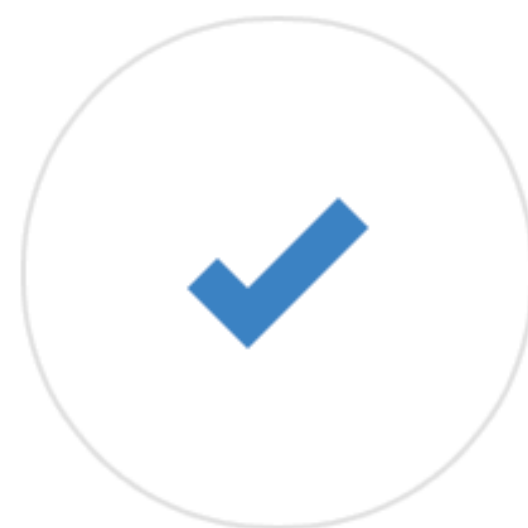
Commit directly to the `master` branch.



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...and you're done!

Fire up a browser and go to **<http://username.github.io/repository>**.




bioboot.github.io/bimm143-1/

Home Gmail Gcal Bitbucket GitHub BIMM143\_F18 BGGN213\_S18 BIMM-194 GDocs Disqus Blink News Atmosphere Galaxy + MMTF

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Here I: (1) forked Serina's Repo, (2) Chose the "minimal" theme, (3) Edited \_config.yml (adding logo and title)




bioboot / **bimm143\_serina\_f18**  
forked from serinahuang/bimm143




Unwatch 1 Star 0 Fork 1

Code Pull requests 0 Projects 0 Wiki Insights Settings

Branch: master **bimm143\_serina\_f18 / \_config.yml** Find file Copy path

 **bioboot** Update \_config.yml 3b72493 just now

1 contributor

4 lines (3 sloc) | 151 Bytes Raw Blame History   

```
1 theme: jekyll-theme-minimal
2 logo: https://bioboot.github.io/bimm143_F18/assets/img/logo.png
3 title: Serina's Bioinformatics Class (BIMM143, Fall 2018)
```


Here I: (1) forked Serina's Repo, (2) Chose the "minimal" theme, (3) Edited \_config.yml (adding logo and title)

bioboot.github.io/bimm143-1/

Home Gmail Gcal Bitbucket GitHub BIMM143\_F18 BGGN213\_S18 BIMM-194 GDocs Disqus Blink News Atmosphere Galaxy + MMTF

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# Thank you very much!

Please do fill out your CAPs evaluation ( <https://cape.ucsd.edu/students> ) if you get a change.  
It is important to the courses we offer in the future and how we teach them!